ELECTRONIC HANGING SICK LIFT SCALE MOD. RS300
USER'S MANUAL

Please read carefully before attempting to use the scale

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1.PREFACE

Thank you for choosing Wunder RS. All features of this product were designed to state of the art and are optimized for simple and straightforward use. If you have any queries or experience any problems not addressed in the operating instructions, please contact your service partner
We strongly recommend you use the scales on flat and hard surface. Any soft surface, like carpet will cause inaccuracy.

2.SAFETY INSTRUCTION

Before putting the device into use, please read with care the information given in the Operating Instructions. They contain important instructions for installation, proper use and maintenance of the device. The manufacturer shall not be liable for damages arising out of failure to heed the following instructions:

WARNING! **IMPORTANT DIRECTIONS**	
	The assembling of RS dynamometer must be effected by skilled operators only and before the use be sure that all hanging sick lift elements, dynamometer and sling are properly assembled, to weight the patient on safety conditions. A faulty assembling of these elements could cause the risk of falling with serious consequences for the patient.
	After assembling phase and before weighing operations, the operator must be sure that: 1. RS dynamometer and the sling are on **VERTICAL POSITION** 2. during weighing operation the hanging sick lift scale is not moving. 3. The operator must **ALWAYS** follow and hold the sling of the patient during lifting phase, to avoid torsion and sudden movement of both dynamometer and sling that could cause breakages and irreparable damages, with the risk of serious consequences for the patient. 4. **DO NOT MOVE** the hanging sick lift scale when the patient is leaned.
	During weighing phase by means of RS dynamometer, the operator must be sure that the patient remains still, to avoid any instruments torsion and the following uncorrect weighing.
	After weighing phase the operator must **ALWAYS** follow and hold the sling of the patient, to avoid torsion and sudden movement of both dynamometer and sling that could cause breakages and irreparable damages, with the risk of serious consequences for the patient.

- When using electrical components under increased safety requirements, always comply with the appropriate regulations.
- Improper installation will render the warranty null and void.
- Ensure the voltage marked on the power supply unit matches your mains power supply.

- This device is designed for use indoors.
- Observe the permissible ambient temperatures for use
- The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.
- Ensure that the patient does not lean against the device risk of falling! If you have any problem, contact your local service partner.
-The maximum scale loading must not be exceeded. The device beeps when loading exceeds its maximum capacity.

3.FEATURES

Capacity	300kg x 0.1kg
Display options	1.0 inch 5 1/2 digital LCD
Operating Temperature	0°C ~ 40°C
Weight Unit	kg
Dimensions (including handles)	120 x 70 x 160 mm
Power	1.5V AAA * 6 batteries

⚠ CAUTION!

Only the unit kg is approved by OIML (International Organization of Legal Metrology).

4.WEIGHING OPERATION

Before reading detailed instructions on how to use all the weighing functions that are built into your scale, please read the following important guidelines:
- Always be sure that the display shows `Zero` before use, if it does not then please press the ZERO key.
- The Professional Medical Hoist scale is designed to detect when a stable weight is achieved, your reading should be taken at this point.

⚠ CAUTION!

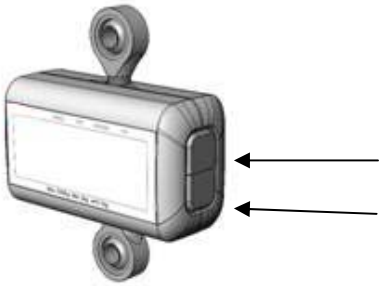
Tilt angle over 3° will cause false reading.

NO TORSION

During weighing phase by means of RS dynamometer, the operator must be sure that the patient remains still, to avoid any instruments torsion and the following uncorrect weighing.
We recommend to not use any lift or Hoist that hanger bar do not swivel 360 degrees.
After assembly at the lifter, the dynamometer must not be rotated horizontally. Rotation is only allowed in connection with 360 degree swivel bearings installed in the lift system.

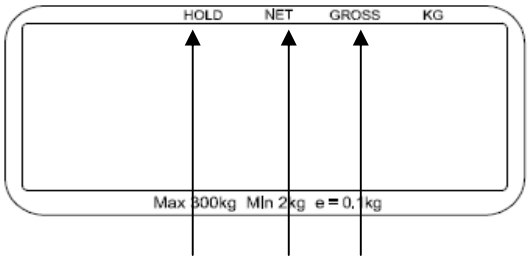
5.KEY FUNCTIONS

Display and Key Functions



Key functions

3. On/Off/Zero/Tare
4. Hold



3. HOLD 4. Net 5. Gross

1. ON/OFF/ZERO/TARE：
   1. Switch on/off the scale
   2. Press this key to zero the scale. The zero range is +/- 2% of full capacity.
   3. Press this key to tare when loads over zero range.
   4. In tare mode, press this key again to clear the tarred value when there is no load on the platform.
   5. Press this key without release 3 seconds to power off the scale**.**
2. HOLD：
   Press this key to lock weight value while weighing. Disable the hold function, press Hold key again.

3.Net ：”Net” function indicator

4.Hold：”Hold” function indicator

6.FUNCTIONS SETTING

Auto-Off Time Adjustment

This feature affects the period of non-operation. Once exceed the setting time, the device will shut off automatically.

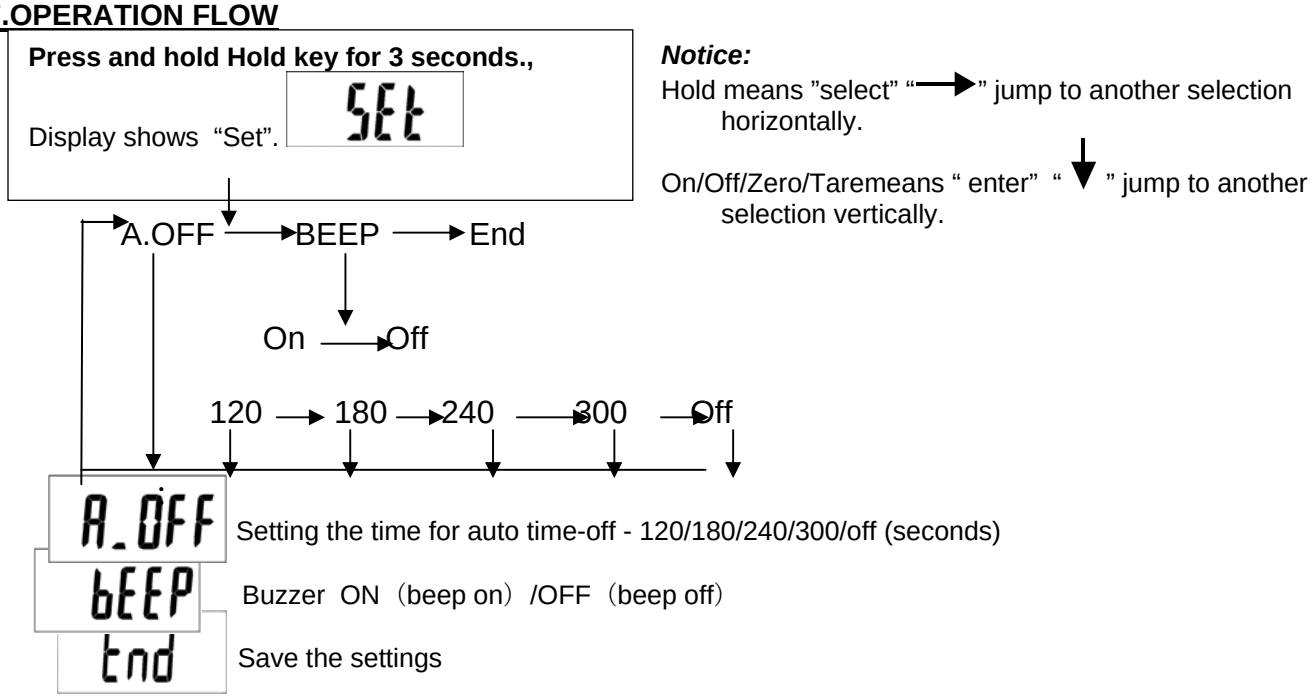
1. Auto off time: 120 sec/180 sec/240 sec/300 sec/off

Buzzer Adjustment

This function affects the buzzer sound **ON** and **OFF** by user’s preference.

Buzzer: On/Off

7.OPERATION FLOW



Notice:

Hold means ”select” “→” jump to another selection horizontally.

On/Off/Zero/Taremeans “ enter” “↓” jump to another selection vertically.

8.SETTING UP YOUR SCALE STEP BY STEP

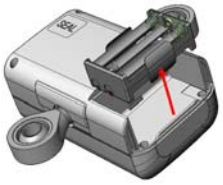
For Example: Set up 180s AUTO-OFF time and Buzzer OFF
Step 1. Press HOLD for 3 seconds to enter setup mode.
Step 2. Press ZERO to enter A.OFF mode when A.OFF is displayed
Step 3. Press HOLD to select 180 S which means AUTO-OFF TIME is 180 seconds.
Step 4. Press ZERO to decide and return to A.OFF mode and press HOLD to shift to BEEP setup mode.
Step 5. Press ZERO to enter BEEP setup mode and press HOLD again to select between ON and OFF .
Step 6. Press ZERO to decide and return to BEEP setup mode.
Step 7. Press HOLD to select END and press ZERO to finish setting.

9.INSTRUCTION FOR BATTERY INSTALLATION

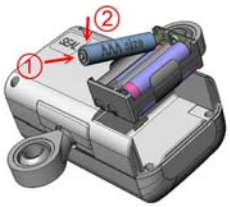
RS uses six AAA size alkaline batteries. Please read the following instruction before using the scale.

1. Find the battery cover at the backside of scale

2.Remove the battery cover.



3. Take out the battery case

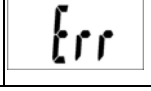


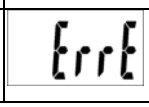
4.Installing new AAA size batteries.

5. Reinstalling the battery case.

6. Installing the battery cover.

10.WARNING INFORMATION

1.Low battery indication **This warning show that the voltage of battery is very low, please change a new one.**	
2. The loading is over limit when power on, please reduce the loading.	
3. The loading is under limit when power on, please increasing the loading.	
4. Over load or Counting error– **The loading is over limit when power on, please reduce the loading and try again. If the trouble is**	

still exist, please call the service.	
5. Counting error (too low)– **The loading is lower than limit when power on, please increase the loading and try again. If the trouble is still exist, please call the service.。**	
6.EEPROM error-- **The programs of the scale is error, please call the service.**	

11.CLEANING & MAINTENANCE

We would recommend using alcohol based wipes or similar when cleaning the scales. Please do not use large amounts of water when cleaning the scales as this will cause damage to the scales electronics, you should also refrain from using corrosive liquids or high pressure washers. Always disconnect the scales from the mains power supply before cleaning.

The machine is sold approved with first metrological test passed (plate with green M). If required, the first periodic test (green label) can be performed by the manufacturer. At the expiry date indicated on the green label, the periodic test must be performed on the machine. Subsequent calibration is always necessary, if one or more safety markings are damaged or the display shows abnormal weights. Always have maintenance performed by qualified personnel. The WUNDER customer technical support service is at your disposal.

⚠ **CAUTION:**
In some countries, calibration can be performed only by an authorised/qualified agent. Contact your dealer for further

12.DISPOSAL OF THE SCALE

EU 2002/96/EC
This product complies with EU Directive 2002/96/EC. The symbol of the barred waste basket shown on the appliance indicates that this product, which, must be treated separately from domestic refuse at the end of its useful lifetime, must be taken to a differentiated collection centre for electrical and electronic devices, or returned to the dealer when a new equivalent device is purchased. The user is responsible for taking the appliance to the appropriate collection facility at the end of its lifetime. Appropriate differentiated collection for submitting the used appliance to environmentally compatible recycling, treatment, and disposal helps to prevent potential negative effects on the environment and on human health, and favours the recycling of the materials of which the product is composed.
For more detailed information regarding the collection systems available, contact your local waste disposal service or the shop where you purchased the scale.
As a consumer, you are obliged by law to return used or discharged batteries. You can deposit your old batteries in the public collection points of your city, or you can deposit them at any retail facility selling batteries of any type that has dedicated collection receptacles. Also in the case of the “demolition” of electrical and electronic appliances, they must be removed and deposited in the dedicated collection receptacles.
NOTE: The following symbols indicate the presence of harmful substances in the batteries:
Pb Pb = batteries that contain lead
Cd Cd = batteries that contain cadmium
Hg Hg = batteries that contain mercury

⚠ **CAUTION:**
Do not throw the electrical parts or batteries into the household waste. Dispose of the batteries at the collection centres in your area.

13.WARRANTY-LIABILITY

WUNDER products are guaranteed under warranty.
The warranty is valid for faults or malfunctions of the instrument due to manufacturing or material defects, and WUNDER reserves the right to repair or replace the article.
In the event that the repairs of the fault or the delivery of the replacement unit do not have a positive outcome, legal measures are to be considered valid. The term of guarantee is two years, taking effect on the date of purchase.
The manufacturer shall not be held liable for damage deriving from any of the following causes: improper or unsuitable storage or use; improper installation or placement in service by the owner or a third party; normal wear and tear from use; changes or modifications; unsuitable or negligent manipulation; excessive use; chemical, electrochemical or electrical interference or interference from humidity; unless such causes may be attributed to negligence on the part of Wunder

14. IDENTIFICATION PLATES